

Please amend the Claims as follows:

Claims 1-37 (Cancelled)

38. (Currently Amended) A purified and isolated hyperimmune serum-reactive *S. pneumoniae* antigen that is immunologically reactive with sera from a human having an *S. pneumoniae* infection or an uninfected healthy human, the antigen comprising an isolated *S. pneumoniae* polypeptide or peptide fragment thereof that is:

a) ~~a polypeptide identified by SEQ ID NO. 243;~~

b) ~~an antigenic~~ a peptide fragment comprising an antigenic fragment containing an epitope immunologically-reactive with sera from an *S. pneumoniae*-infected human having an amino acid sequence consisting of ~~defined by~~ amino acids 1-285 of the amino acid sequence identified by SEQ ID NO: 243; or

c) ~~an antigenic~~ a peptide fragment comprising an antigenic fragment containing an epitope immunologically-reactive with sera from an *S. pneumoniae*-infected human having an amino acid sequence consisting of ~~defined~~ amino acids 15-37, 32-57, 401-451, 101-121, 115-135, 138-158, 152-172, 220-242 or 236-258 of SEQ ID NO. 243,

~~wherein each of said polypeptides or antigenic peptide fragments comprises an epitope capable of eliciting an immunological reaction in a human.~~

39. (Cancelled)

40. (Cancelled)

41. (Currently Amended) An *S. pneumoniae* antigen according to claim 38, wherein the antigen is ~~an isolated antigenic~~ a peptide fragment comprising an antigenic fragment containing an epitope immunologically-reactive with sera from an *S. pneumoniae*-infected human having an amino acid sequence consisting of ~~defined by~~ amino acids 1-285 of SEQ ID NO. 243.

42. (Cancelled)

43. (Currently Amended) An *S. pneumoniae* antigen according to claim 38 that is a peptide fragment comprising an antigenic fragment containing an epitope immunologically-reactive with

sera from an *S. pneumoniae*-infected human having an amino acid sequence consisting of
defined by amino acids 15-37, 32-57, 401-451, 101-121, 115-135, 138-158, 152-172, 220-242
or 236-258 of SEQ ID NO. 243.

44. (Currently Amended) A pharmaceutical composition comprising at least one antigen according to any of claims 38, 40, 41, or 43, and optionally a pharmaceutically-acceptable carrier or excipient.

45. (Original) A pharmaceutical composition according to claim 44, further comprising an immunostimulatory substance.

46. (Original) A pharmaceutical composition according to claim 45, wherein the immunostimulatory substance is a polycationic polymer, an immunostimulatory deoxynucleotide (ODN), a peptide containing at least two Lys-Leu-Lys motifs, a neuroactive compound, alum, or a Freund's complete or incomplete adjuvant.

47. (Cancelled)

48. (Original) A pharmaceutical composition according to claim 44 that is a vaccine.

Claims 49 through 68. (Cancelled)